

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 1-16 and 18-29. Please amend claim 17. Please add claims 30-33 as follows.

Listing of Claims

1-16. (Cancelled)

17. (Currently Amended) A process for producing an article, comprising:

(a)—fluidizing an organometallic solution by atomizing the organometallic solution into an aerosol;

passing the fluidized starting material through a hot wall reactor; and

(b)—forcing the fluidized starting material toward a glass substrate ~~the~~ article using a moving gas stream, the glass substrate ~~article~~ having a temperature between 700°F and 2100°F; and

(c)—~~passing the fluidized starting material through a hot wall reactor before the forcing step,~~

whereby the finished article has nano-scaled structures distributed in a ~~the~~ surface of the glass substrate or article and/or at least partially embedded in the glass substrate ~~article~~.

18-29. (Cancelled)

30. (New) The process of claim 17, wherein the organometallic solution is selected from organometallic solutions comprising at least one of titanium isopropoxide, tetraethyl orthosilicate, hydrogen tetrachloroaurate (III) trihydrate, cobalt nitrate, and metal oxides.

31. (New) The process of claim 30, wherein the metal oxides are selected from cerium oxide and zinc oxide.

32. (New) The process of claim 17, wherein the organometallic solution comprises nano-scaled structures.

33. (New) The process of claim 17, wherein the process is an on-line production process.